# Section 1 - Project Description

## 1.1 Project

The project is call Pass Around.

## 1.2 Description

Pass Around is a website for democratic creation of media content. It can be thought of as a cross between GitHub and Reddit for pictures, videos, audio, and text, where pull requests are selected based on votes. Users may start new projects and contribute to other projects. Every set period of time (2 days or so), the public votes on submissions to a project and the submission with the highest number of votes is integrated into the project and set as the new base for future submissions.

## 1.3 Revision History

|  |  |  |
| --- | --- | --- |
| **Date** | **Comment** | **Author** |
| 7 FEB 2015 | Initial Revision | Michal Scienski |
|  |  |  |
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# Section 2 - System Architecture

This initial instance of the system is structured as a single page AngularJS application, served from a Node Express server, using Firebase as the back end data store.

# Section 3 - Data Dictionary

Brief description of each element in this module or a link to an actual data dictionary

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| --- |
| **Table** |

Users

|  |  |
| --- | --- |
| **Field** | **Notes** |
| userid | Unique usernames selected by users |
| email | The users email |
| password | Hashed and salted password (using Firebase authentication) |
| created | The date the user account was created |

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| **Table** |

Proposals

|  |  |
| --- | --- |
| **Field** | **Notes** |
| Id | Unique id generated by the system |
| title | The title of the proposal |
| description | The summary of the proposal |
| created | The date the proposal was created |
| expires | Amount of time submissions are voted on before they expire. 1-7 days |
| user | FK to the user that created the proposal |
| media | Link to the initial media file for the proposal (video, audo, picture, or text file) |

|  |
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| **Table** |

Submissions

|  |  |
| --- | --- |
| **Field** | **Notes** |
| Id | Unique id generated by the system |
| title | The title of the submission |
| description | The summary of the submission |
| created | The date the submission was created |
| user | FK to the user that created the submission |
| proposal | FK to the proposal this submission applies to |
| media | Link to the initial media file for the submission (video, audo, picture, or text file) |

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| **Table** |

Votes

|  |  |
| --- | --- |
| **Field** | **Notes** |
| Id | Unique id generated by the system |
| created | The date the vote was created |
| expired | A flag that is marked once the time for the submission has passed |
| user | FK to the user that created the submission |
| submission | FK to the submission voted on |

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| **Table** |

Accepted Submissions

|  |  |
| --- | --- |
| **Field** | **Notes** |
| Id | Unique id generated by the system |
| title | The title of the submission |
| description | The summary of the submission |
| accepted | The date the submission was accepted |
| user | FK to the user that created the submission |
| proposal | FK to the proposal this submission applies to |
| media | Link to the initial media file for the submission (video, audo, picture, or text file) |

# Section 4 - User Interface Design

## 4.1 User Interface Design Overview

The design makes use of Bootstrap to create a responsive interface for the user.

## 4.2 User Interface Navigation Flow

The design starts with a title/splash screen where the user can login.

Once logged in, the user is directed to his dashboard that contains an overview of his latest proposals and submissions.

The top navigation allows the user to create a new proposal, or to view/search proposals.

Once a proposal is selected, the user may view all accepted submissions for the history of that proposal.

The user may also view currently pending submissions and vote on the one they want to be selected for the current round of voting.

The user may create a submission to be voted on for the current proposal.